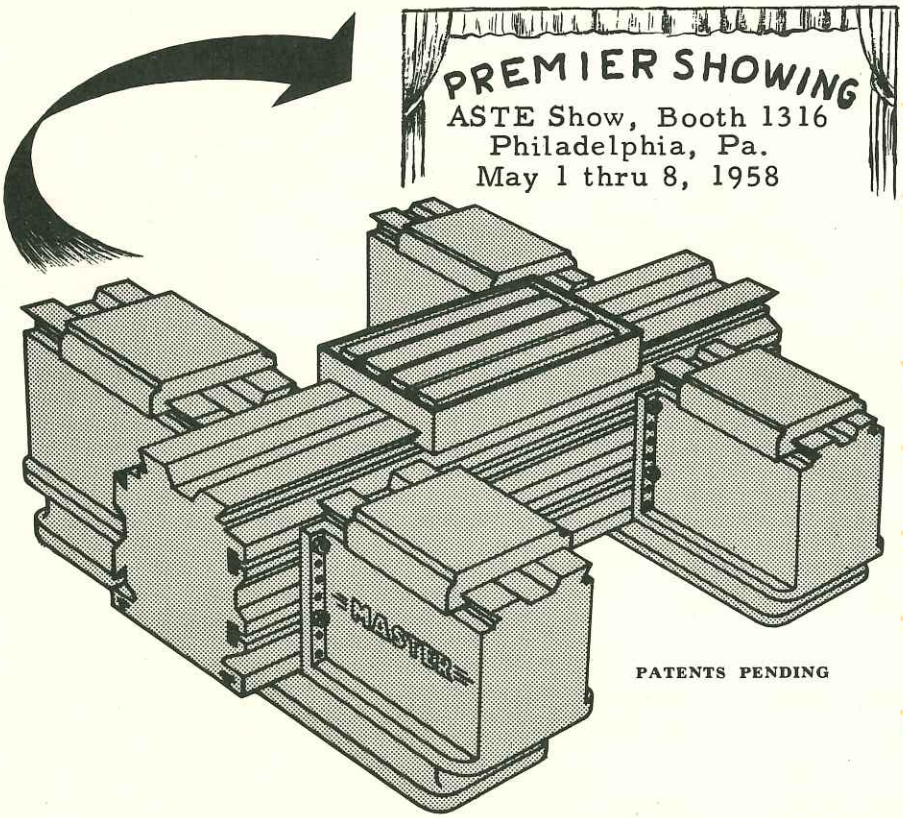
MASTER'S *Erector Type* MACHINE TOOLS

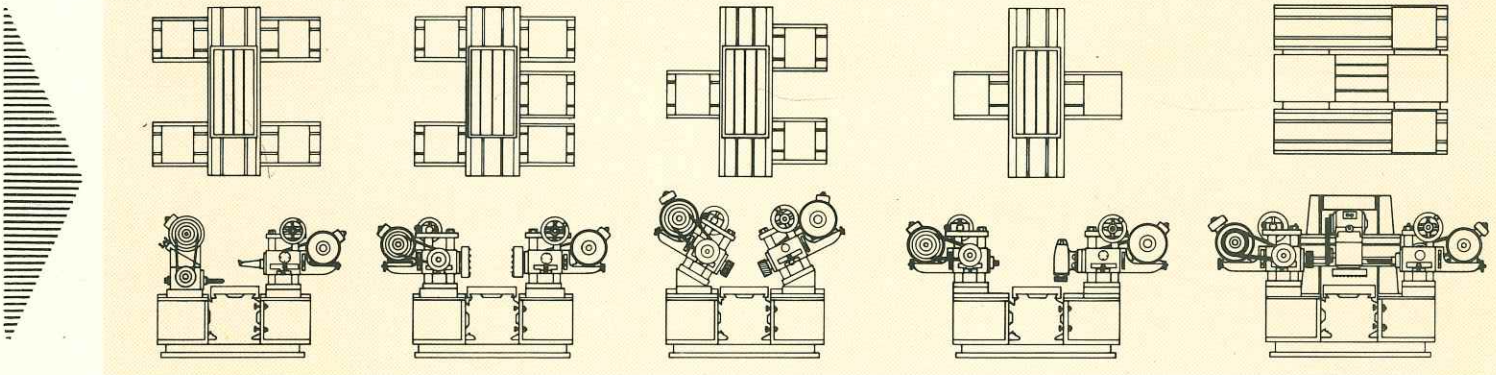
PREMIER SHOWING
ASTE Show, Booth 1316
Philadelphia, Pa.
May 1 thru 8, 1958



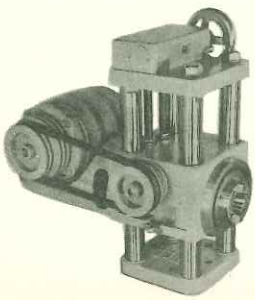
PATENTS PENDING

- Master erector type components build into many kinds of machine tools.
- Metalworking's newest design in machine beds - adjustable with the work.
- Master brings multiple spindle production into standard machine cost range.
- Erect special production machines from standard Master components.
- Erector type provides feeding the spindles, feeding the work, or both.
- LC spindles add vertical feed to traverse and cross travel.
- Feed by hand screw, variable power feed, air or hydraulics.
- Productionwise and investmentwise, Master erector type machines make more profits.

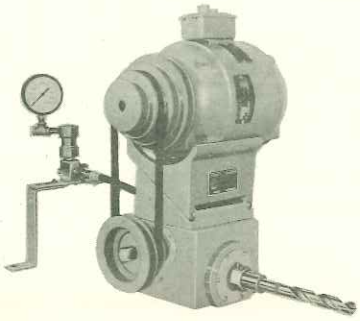
A UNIVERSAL MACHINE BED ADD OR REARRANGE AS DESIRED



"MASTER PRECISION SPINDLES"



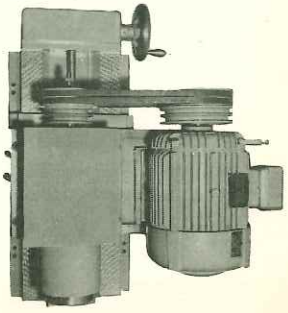
LC Spindle Heads



Turret Master bore & drill

PSH Hi-Speed Spindles

Plain Milling Heads

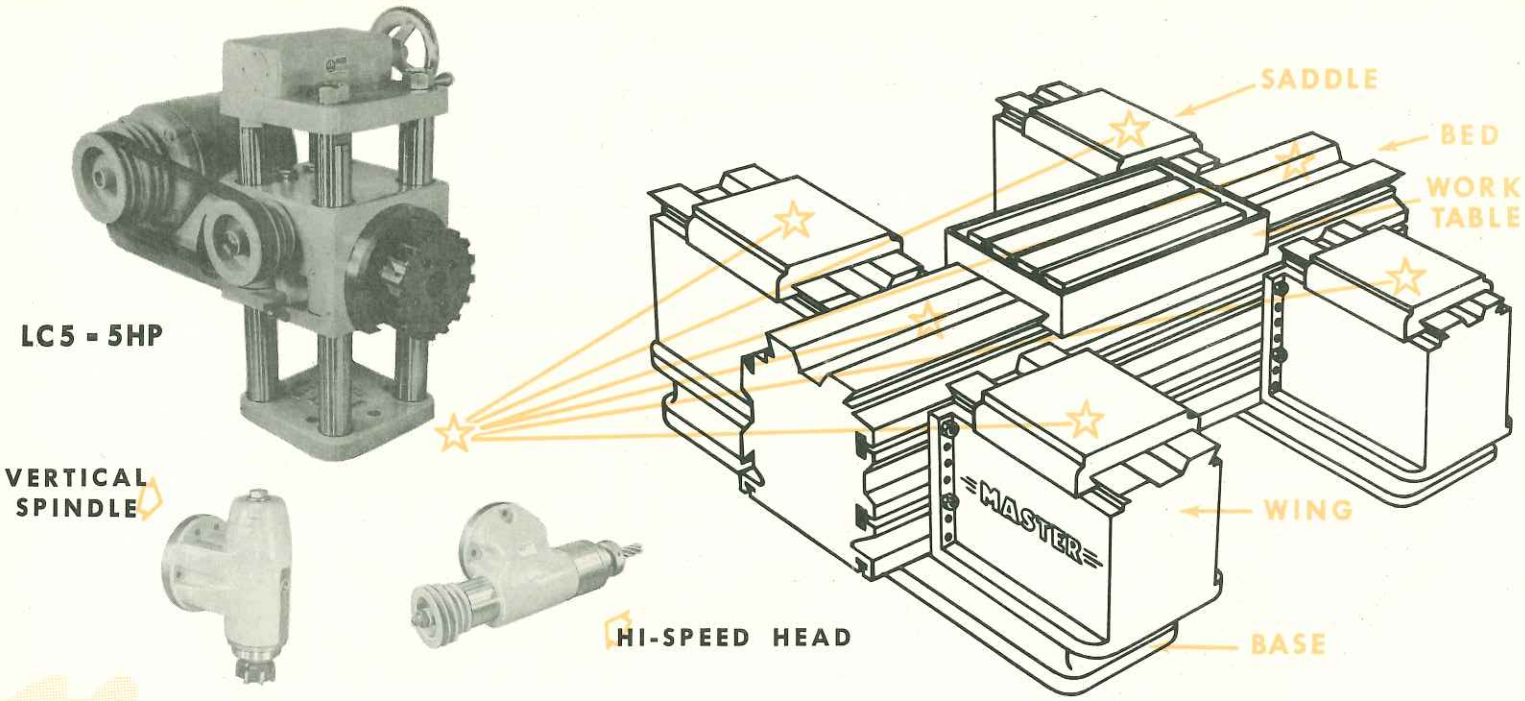


PSH Spindle Vertical Slide

TOOL FOR MORE PROFIT WITH MASTER MULTIPLE SPINDLE MACHINES

MASTER'S *Erector Type* MULTIPLE SPINDLE MACHINES

ARE PRACTICAL FOR ALL SIZE PLANTS



Master enthusiastically presents a major development in machine tool bed units. This entirely new erector-type machine foundation is completely different because standard bed, wing, and base components can be set up and adjusted to form practically any kind of machine. To complete your machine you choose from an assortment of work tables, saddles, slides, spindles, and feed mechanisms and automate as much as you like. This new universal machine bed casting is unusual in appearance because it has both internal and external structural support ribs for maximum strength. Three external surfaces can be machined into dovetail ways, T-slotted, or drilled and tapped for attaching work tables, wings, saddles, and fixtures. The wings can be mounted horizontally as illustrated and another wing mounted vertically to provide vertical ways. The bed and each wing mount on individual base sections; therefore, when you desire to move the side wings the base moves with it and provides complete support from the floor under each machine way. The dovetail ways on the machine bed and side wings are of the same size and adapt Master standard FT saddle slides to provide for feeding and positioning. A universal saddle and slide can also be used for angular feeding. You can have hand, powered screw, air or hydraulic feeds on the saddles, work tables, or spindles. The T-slotted work tables are available in various lengths, or you can have a stationary work mounting plate. Spindles can be mounted in horizontal, inclined, or vertical positions. For specialized applications the machine bed will be available for mounting in a vertical position and the sides can be machined or dovetailed ways or T-slots for attaching movable work fixtures or spindles. Erector-type machines offer great economy because yeu can select only the components required, adding spindles and wings at a later date as needed. They are ideal for setting up transfer-type machines, using numerous machine beds for continuous machining operations and adding automatic controls as desired. These erector-type machine components are available in various standard lengths which will accommodate a wide variety of machining capacities. We invite your inquiries on your special machining problems.

APPROXIMATE DIMENSIONAL DATA FOR MACHINE BEDS

	Width	Height	Lengths
MB3 Bed	12″	14″	36″ - 48″ - 60″ - 72″ - 96″
MB3 Wing	11″	12″	18″
MB3 Base	14″	16″	36″ - 24″ - 18″
MB3 Work Table	10″	2⅛″	24″ - 36″ - 44″
MB3 Saddle	9″	1¼″	9″ (extra lengths up to 20″)
MB5 Bed	18″	20″	48″ - 60″ - 72″ - 96″
MB5 Wing	15½″	18″	24″
MB5 Base	17″	12″	48″ - 31½″ - 24″ - 17½″
MB5 Work Table	15″	3″	36″ - 48″ - 60″ - 72″
MB5 Saddle	14″	2″	14″ (extra lengths up to 30″)
MB6 Bed	24″	26″	48″ - 60″ - 72″ - 96″
MB6 Wing	24″	24″	36″
MB6 Work Table	22″	4″	36″ - 48″ - 60″ - 72″
MB6 Saddle	22″	3″	21″

Note: Base usually not required for MB6

Subject to change without notice.

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